

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

SUN OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 1861, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2260' FWL & 2035' FNL of Section 25 = T-22-N, R-9-W

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 45 miles west of Cuba on Hwy 44, then southwest 10 mi.

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

380

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

First well

19. PROPOSED DEPTH

10,350'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6531.0' Gd

22. APPROX. DATE WORK WILL START*

Upon Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	13 3/8	48#	350	Circulate
12 1/4	8 5/8	24 & 28#	4800 +	400 sacks
7 7/8	5 1/2	15.5 & 17#	TD	500 sacks

1. Set 13 3/8" OD surface casing at approximately 350', circulate cement to surface
2. Set 8 5/8" OD intermediate casing in the top of the Dakota section at an estimated depth of 4800 ft. Use sufficient cement to cover bottom 1000 + ft. Run electric logs before setting 8 5/8" casing.
3. Drill 7 7/8" hole to anticipated total depth of 10,350' in the Pre-Cambrian. Set 5 1/2" casing at total depth. Exact casing point to be determined by lowermost producing zone.
4. Cement 5 1/2" casing with sufficient cement to extend minimum of 500 ft. above uppermost production interval.
5. Completion procedure to be determined by results of electric logs, cores and/or drill stem tests.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

W. E. Westbrook, Jr.

SIGNED

TITLE

District Drilling Engineer

DATE

12-30-70

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

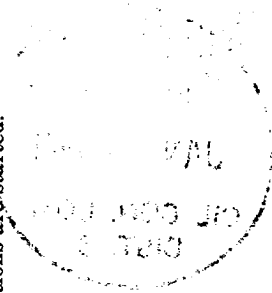
Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.



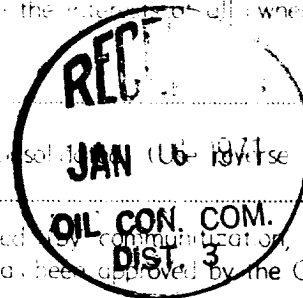
NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator **SUN OIL COMPANY** Navajo Lands Well No **1**
 Unit Letter **F** Section **25** Township **22 NORTH** Range **6 WEST** County **SAN JUAN**
 Actual Surface Location of Well **2035** East from North **2260** West from West
 Closed Area Acres **6531.0** Penn Carbonates Wildcat **40** Acres

- Outline the acreage claimed to the subject well by surface, mineral or both, in blocks on the plat below
 - If more than one lease is dedicated to the well, enter each one and identify the ownership thereof (both as to working interest and royalty)
 - If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
 - Yes ☐ No ☐ If no, what is type of consolidation
- If answer is no, list the owners and tract description which have actually consolidated on reverse side of this form if necessary.
- No allowable will be assigned to the well until all interests have been consolidated by communitization, unitization, forced-pooling, or other well or unit or non standard unit, eliminating such interests, has been approved by the Commission



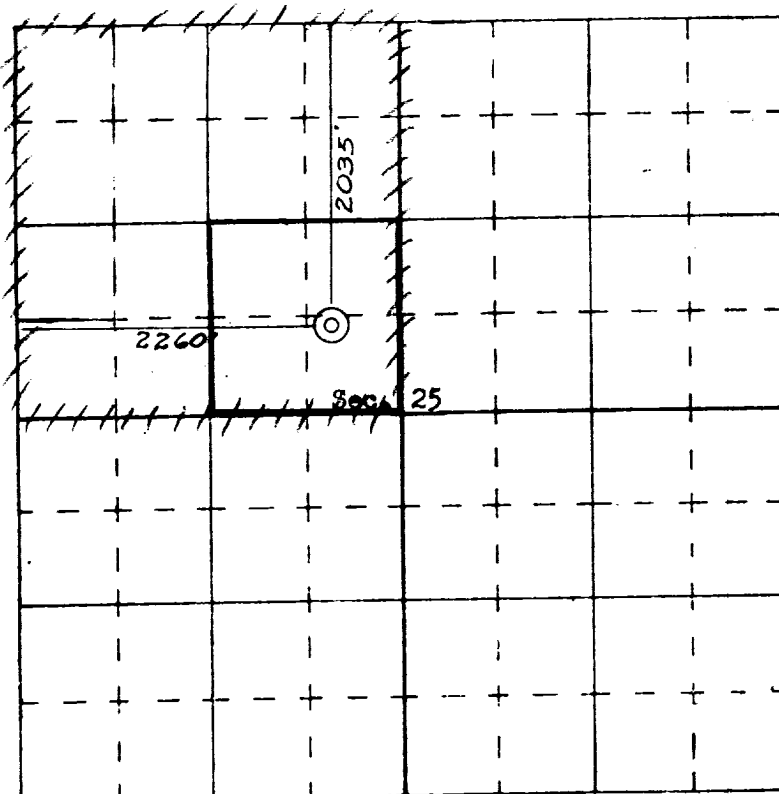
CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

W E Westbrook Jr
 Name **W. E. Westbrook, Jr.**
 Position **District Drilling Engineer**
 Company **Sun Oil Company**
 Date **12-30-70**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

8 December, 1970
 Date Surveyed
James O. [Signature]
 Registered Professional Engineer and/or Land Surveyor
1463
 Certificate No.



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

--- = Lease Boundary